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⑯ A resealable dispenser-container.

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⑯ Proprietor: Nakamura, Kenji  
3-7, Nishiwajii 6-chome Higashiyodogawa-ku  
Osaka (JP)

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⑯ Inventor: Nakamura, Kenji  
3-7, Nishiwajii 6-chome Higashiyodogawa-ku  
Osaka (JP)

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⑯ Representative: Patentanwälte Phys. Bartels Dipl.-Ing.  
Fink Dr.-Ing. Held  
Lange Strasse 51  
D-7000 Stuttgart 1 (DE)

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**Description****Brief Description of the Invention****Background of the Invention**

The present invention relates to a resealable dispenser-container for containing home use goods which are repeatedly consumed for several times, particularly a dispenser-container suitable for containing wet tissues, which are fibrous materials, such as non-woven fabrics, gauze, or cotton, having cleaning solution such as alcohol, or liquid cosmetic, impregnated therein.

**Prior Art**

As a typical example of home use goods, which are repeatedly consumed for several times, recently, wet tissues, i.e., fibrous materials, impregnated with cleaning solution including alcohol, moisturizing agent or surfactant and so on, have been utilized widely for cleaning skin.

In conventionally known dispenser-containers for wet tissues, the wet tissues packed in a blow molded or vacuum formed container are usually for home use (e.g. US-A-3 749 296), and the wet tissues packed in a small bag made of liquid impervious sheet or in a small plastic container are for portable use.

Further, US-A-4 156 493 discloses another dispenser-container which has an opening and a resealable flap for covering the opening. For example, the resealable flap may be made of a sheet having an adhesive coated on one side thereof, and the sheet is attached to the dispenser-container so that it covers the opening formed on the dispenser-container.

Improvements have been done (e.g. EP-A-0 030 348) over the dispenser-container disclosed in the above-mentioned US-A-4 156 493 to form a bag type dispenser-container of wet tissues for portable use which usually contains about 10 tissues and which is a flat bag.

Another dispenser-container of bag type disclosed in Japanese Utility Model Application Laid-open No. Sho 57-110083 has a U-shaped slit formed thereon, and the region surrounded by the slit is used as a flap while a small piece of sheet, which is larger than the flap, which has pressure sensitive adhesive coated thereon and which has an opening for dispensing the wet tissues therethrough, is attached to the portion corresponding to the above-described slit from the inside of the dispenser-container.

Examples of other home use good, which are repeatedly consumed several times, are: foods, such as cookies, biscuits, chocolates or soup squares; stationery, such as clips; fastening articles, such as nails, nuts, or machine screws. In general, these goods are directly contained in a box or in a bag having no dispensing opening.

Manufacturing cost of the conventionally known containers for home use wet tissues are

expensive, since blow molded containers or vacuum formed containers are used.

Contrary to this, the above-described dispenser-containers of bag type for wet tissues can be manufactured at a cost lower than that required for the molded containers, because the dispenser-containers can be easily made of a flexible sheet material at a high manufacturing efficiency. The dispenser-container can be easily handled when it contains a small number of wet tissues as for portable use. However, the bag type dispenser-container is not suitable as a container for home use wet tissues, which usually contains 50 to 70 tissues, because it is not easy to handle.

More specifically, the following problems are inherent in the bag type dispenser-container made of a flexible sheet, the size of which is large, or the depth of which is large, and which has a large amount of tissues contained therein, in other words, the dispenser-container has a large distance between the surface, i.e., the upper surface, having an opening, and the opposite surface, i.e., the bottom surface. Wet tissues can be smoothly dispensed, and the flap can be smoothly resealed at the beginning of use of the dispenser-container, since the shape of the dispenser-container is firmly maintained by the wet tissues filled within the dispenser-container up to the opening. However, as the wet tissues are dispensed, the original shape of the dispenser-container cannot be kept since the number of the wet tissues remaining in the dispenser-container becomes small. As a result, the wet tissues cannot be smoothly dispensed from the dispenser-container due to the deformation of the dispenser-container, or the flap cannot be smoothly removed from or attached to the dispenser-container due to the waving of the sheet of the dispenser-container at the time of opening and closing the opening. Especially, if the dispenser-container is distorted or the surface where the flap is attached is waved when the flap is resealed on the dispenser-container after the flap has been opened to dispense the wet tissues, the flap cannot be firmly attached to the dispenser-container, and a small clearance may be formed between the surface of the dispenser-container and the flap. The liquid contained in the wet tissues may be evaporated through the small clearance, and accordingly, there is a problem that the wet tissues are dried.

Further, conventional cookies or biscuits packaged in a box or bag can not be sealed again once the box or bag is unpacked. Accordingly, dry cookies or biscuits may become damp, or wet cakes may become dry. In addition, dusts may enter into the box or bag through clearances, and there is a problem of sanitation.

**Objects of the Invention**

It is an object of the present invention to provide a dispenser-container for wet tissues, which can obviate the above-described problems inherent in the conventional dispenser-container for wet tis-

sues, and wherein wet tissues can be always smoothly dispensed and flap can be securely opened and resealed, even if the size of the wet tissues to be contained is large or the number of the wet tissues becomes large.

It is another object of the present invention to provide a dispenser-container, which is not limited to use for wet tissues but also suitable for containing goods which will be consumed repeatedly several times.

### Summary of the Invention

According to the present invention, the above-described problems are obviated by a resealable dispenser-container comprising a container,

said container containing contents;

said container having an opening for dispensing said contents therethrough or a weakened line for forming said opening and a flap made of a flexible sheet material which covers said opening or weakened line and which is repeatedly opened and closed, and wherein said container is made of a flexible sheet (such a container being known from for example US-A-4 156 493, figure 4a); characterized in that said dispenser-container further comprises:

a shape maintaining member, which is made of a material harder than said container;

said shape maintaining member having an opening or a weakened line for forming said opening which opening or weakened line is larger than said opening or weakened line formed in said container;

said opening or weakened line formed on said container being located within said opening or within the region surrounded by said weakened line formed in said shape maintaining member; and

said flexible sheet of said container being fixed to said shape maintaining member at a position near said opening or weakened line formed in said container.

According to the present invention, since the sheet of the container having an opening formed therein is fixed to the shape maintaining member, the condition of the container is always kept the same as that the beginning of its use wherein contents are filled therein, regardless of the amount of the contents remaining in the container.

Accordingly, a flap can always be surely opened and closed from the beginning of its use to the end of its use, even when the container contains a large amount of contents and has a large thickness.

Further, the dispenser-container of the present invention can be manufactured by fixing the

surface of the container having an opening to the shape maintaining member, and the dispenser-container can be readily and effectively manufactured in a conventional bag making process or a conventional carton forming process without performing the blow molding or the vacuum forming. In addition, the price of material of the dispenser-container of the present invention is low, and therefore, the dispenser-container can be economically manufactured.

### Brief Description of the Invention

The present invention will now be explained in detail with reference to the illustrated embodiments, wherein:

- 5 Fig. 1 is a perspective view of an embodiment of a dispenser-container of the present invention;
- 10 Fig. 2 is a cross-sectional view taken along the line II - II in Fig. 1;
- 15 Fig. 3 is a perspective view showing the using condition of the embodiment illustrated in Fig. 1;
- 20 Fig. 4 is a perspective view showing the second embodiment of the dispenser-container of the present invention;
- 25 Fig. 5 is a cross-sectional view taken along the line V - V in Fig. 4;
- 30 Fig. 6 is a perspective view of the third embodiment of the dispenser-container of the present invention;
- 35 Fig. 7 is a cross-sectional view taken along the line VII - VII in Fig. 6;
- 40 Fig. 8 is a perspective view showing the fourth embodiment of the dispenser-container of the present invention;
- 45 Fig. 9 is an exploded perspective view of the fifth embodiment of the dispenser-container of the present invention;
- 50 Fig. 10 is a perspective view wherein the dispenser-container illustrated in Fig. 9 is assembled;
- 55 Fig. 11 is a perspective view showing the sixth embodiment of the dispenser-container of the present invention;
- 60 Fig. 12 is a cross-sectional view taken along the line XII - XII in Fig. 11; and
- 65 Fig. 13 is a cross-sectional view of the seventh embodiment of the dispenser-container of the present invention.

### Preferred Embodiments

The first embodiment of the present invention will now be explained with reference to Fig. 1, which is a perspective view of the embodiment, Fig. 2, which is a cross-sectional view taken along the line II - II in Fig. 1, and Fig. 3, which is a perspective view showing the using condition of the embodiment.

The dispenser-container of the present inven-

tion comprises a container 1, made of flexible sheet and illustrated by an imaginary line, i.e., two dot and a dash line, in Fig. 1, and a shape maintaining member 2 made of a material harder than that of the container 1.

In the illustrated embodiment, container 1 contains wet tissues 3 (see Fig. 2). The container 1 has an opening 12 for dispensing the wet tissues 3 therethrough and a flap 14 for covering the opening 12, and the construction of the container may be similar to that of the conventionally known portable dispenser-container of bag type for wet tissues.

Although the wet tissues are exemplified as the contents 3 contained in the container 1 in the following explanation, the contents of the present invention are not limited to wet tissues. Goods, which are not simultaneously consumed but are consumed repeatedly for several times and which require shelf stability, dust proof ability, fungus proof ability, gas tightness or liquid tightness, are suitable for the contents 3 of the present invention.

Examples of contents are: cosmetic articles, wherein liquid cosmetic or milky lotion is impregnated in fibrous materials such as non-woven fabrics or cotton; medical supplies such as gauze, applicators, absorbent cotton, or gauze impregnated with an antiseptic or a medicine; fastening articles, such as nails, nuts, machine screws; stationery, such as clips; and foods, such as cookies, biscuits, chocolates, wet cakes or soup squares.

The flexible sheet constituting a container body 11 may be a film made of synthetic resins such as polyethylene, polypropylene, polyamide, polyester, and polyvinyl chloride, and the film may be a single layer or a laminated layer. The film may be a laminated layer of the above-mentioned film and an aluminum foil or paper.

The sheet constituting a container body 11 may be gas impervious or liquid impervious depending on the contents 3 contained in the container body 11. For example, it is preferred to use a gas impervious sheet or a liquid impervious sheet for the containers for containing wet tissues, fibrous materials impregnated with liquid cosmetics or a medicine, or wet cakes (e.g. fruit cakes). It is preferred to use a gas impervious sheet so as to prolong the effects of the enclosed agents when dry cookies are packaged with a drying agent or when nails are packaged with rust preventives.

In the first embodiment illustrated in Figs. 1 to 3, the flap 14 of the container 1 is a piece of a sheet which is independent from the container body 11. The material of the flap 14 may be a liquid impervious sheet which is similar to that of the container body 11. In this embodiment, both the sheet of the container body 11 and the flap 14 are liquid impervious.

The flap 14 has a pressure sensitive adhesive 15, such as polyester, acrylic or rubber adhesive, applied to one side thereof, i.e., the side contacting with container body 11, except for a grip portion 16. The flap 14 can be repeatedly adbered to

and removed from the container body 11 while it covers the dispensing opening 12 formed in the container body 11 or the weakened line 13 for forming the dispensing opening 12.

It is preferred that an end 17 of the flap opposite to the grip 16 is fixed to the container body 11 by heat sealing or adhesive or that the flap 14 has slits extending from its sides so that the portion located ahead the slits is prevented from being removed.

The dispensing opening 12 formed in the container body 11 may be formed in any suitable shape, such as an ellipse, a circle, a rectangle or a rhombus. When the dispensing opening 12 is formed by a weakened line 13 (see Fig. 2), the weakened line 13 may be a perforated line when it is seen in the plan view of the container body 11 or a V-shaped slit when it is seen in a cross-sectional view taken along the thickness direction of the sheet forming the container body 11. The weakened line is formed on the container body 11 to form a closed loop or an open loop such as U-shape when it is seen in the plan view of the container body 11.

When the flap 14 is opened first to use the wet tissues 3, the portion 18 surrounded by the closed loop or the open loop is removed from the container body 11 and is kept to be attached to the flap 14, and the area, from which the portion 18 is removed, becomes the dispensing opening 12.

In the embodiment illustrated in Fig. 3, the weakened line 13 is formed on the container body 11 by a perforated line forming a closed looped ellipse. When the flap 14 is opened, the portion 18 surrounded by the closed loop is removed from the container body 11 and is kept to be attached to the pressure sensitive adhesive 15 on the flap 14, and the trace of the removed portion 18 becomes the dispensing opening 12.

In the embodiment illustrated in Fig. 1, the shape maintaining member 2 is formed by a box which is formed in a rectangular parallelepiped and which surrounds the container 1. The box 2 is made of a material which is somewhat harder than that of the container 1. The material of the box 2 may be a sheet material, such as a paper, a laminated layer of paper and an aluminum foil, or a synthetic resin sheet, which sheet material is suitable for bending or punching.

The shape of the box 2 is not limited to the rectangular parallelepiped, and the surface may be curved or bent, for example, formed in a barrel shape or in an elliptical or circular cross-section.

In the embodiment illustrated in Fig. 1, the box 2 is provided with a weakened line 21 illustrated by a broken line which surrounds a region larger than the flap 14 and which may be formed by a perforated line. When the weakened line 21 is removed, an opening 22 is formed as shown in Fig. 3.

As it is apparent from Figs. 1 and 3, the flap 14 is located within the region in the box 2 surrounded by the weakened line 21, i.e., within the portion which will form the opening 22. Accordin-

gly, when the portion in the box 2 surrounded by the weakened line 21 is removed to form the opening 22 as illustrated in Fig. 3, the flap 14 of the container 1 is exposed, and the flap 14 can be freely opened and sealed again through the opening 22.

In the embodiment illustrated in Fig. 1, the weakened line 21 is formed in a closed loop and can be completely removed. In an alternative embodiment, the weakened line 21 may be formed in an open loop, for example, in a U-shape, so that a part of the cut portion is kept to be connected to the body of the box 2. When the latter construction is applied, the cut portion surrounded by the open loop can be used as a flap of the box 2 if the connecting portion can be bent.

In the first embodiment, the box 2 and the container 1 are fixed to each other by an adhesive 4 by attaching the portion of the container 1 located near the dispensing opening 12 or the weakened line 13 for forming the dispensing opening 12 to the portion on the box 2 located outside the portion surrounded by the weakened line 21.

The adhesive 4 is adequately selected taking the materials of the box 2 and the container 1 into consideration. For example, emulsion adhesive, solvent type adhesive, hot-melt adhesive, or pressure sensitive adhesive is suitable, which may be made of acrylic ester adhesive, polyvinyl acetate resin adhesive, polyurethane resin adhesive, silicone adhesive, epoxy polyester resin adhesive, polyamide adhesive, or polyolefin. The amount of the adhesive 4 is so selected taking the size of the container 1 into consideration that the box 2 and the container 1 are securely fixed to each other.

When the dispenser-container for wet tissues of the first embodiment is manufactured, container 1 and a sheet material punched in a shape which corresponds to the box 2 and provided with a weakened line 21 are prepared first. Then the adhesive 4 is applied to the sheet material for the box or to the surface of the container 1, and the container 1 is placed on the sheet material for the box in such a manner that the flap 14 is located within a region surrounded by the weakened line 21. Thereafter, the sheet material for the box is bent by a usual carton former or cartoning machine to form the box 2. It is recommended to add such a device that can apply adhesive to a portion on the box 2 near the weakened line 21 or the opening 22 or to the surface of the container 1, which device is not disposed on a conventional carton former or cartoning machine, though the conventional machine is provided with a device for applying adhesive to form the box. Further, it is preferred that the flaps formed at the sides of the box 2 are fixed to the main body of the box by adhesive in order to enhance the strength of the box 2.

In place of the above-described application of adhesive, a small piece of aluminum foil provided with hot-melt adhesive on both the sides may be placed between the box 2 and the container 1, and the box 2 and the container 1 are pressed to

each other after the foil is heated by means of high frequency dielectric sealing.

When the dispenser-container of the present invention which has been manufactured in the process described above is used, the opening 22 is formed first by removing the weakened line 21 from the box 2. The grip 16 of the flap 14 exposed outside from the opening 22 is picked up to open the flap 14. Thus, the weakened line 13 formed on the container body 11 for forming the dispensing opening 12 is removed, and the removed portion 18 is attached to the flap 14 while the portion from where the portion 18 is removed forms a dispensing opening 12, through which the wet tissues 3 can be dispensed.

After the desired number of the wet tissues 3 are taken out, the flap 14 is closed again and is adhered to the container body 11.

Since the surface of the container body 11 near the flap 14 is fixed to the box 2, the surface of the container body 11 near the flap 14 is kept in a tight condition even when the amount of the wet tissues remaining in the container body 11 becomes small as the wet tissues are dispensed. Accordingly, the removal and attachment of the flap 14 can be surely performed.

Further, since the container 1 is contained in the box 2 and the upper surface having the flap 14 is fixed to the box 2, the shape of the container 1 is not deformed nor distorted even when the amount of the wet tissues 3 remaining in the container body becomes small. Accordingly, the wet tissues 3 contained in the container 1 remain flat as they were flat upon beginning of use, and they can be smoothly dispensed.

The second embodiment of the present invention will now be explained referring to Figs. 4 and 5. Fig. 4 is a perspective view showing the second embodiment, wherein the containers 1 and 1' are illustrated by imaginary lines, i.e., two dot and a dash lines similarly to Fig. 1. Fig. 5 is a cross-sectional view taken along the line V - V in Fig. 4.

In the second embodiment, two containers 1 and 1' overlap each other and are contained within a box 2. The box 2 has weakened lines 21 and 21' on the upper and lower surfaces thereof, and the containers 1 and 1' are fixed to the box 2 by adhesive 4 and 4'. The first container 1 and the second container 1' may be of a similar type or of different types.

The containers 1 and 1' may contain different contents, for example, wet tissues 3 having different cleaning solutions impregnated therein which are different from each other in their properties, such as colors, or fragrance, or usage.

Alternatively, the second container 1' may contain dry tissue papers and may not be provided with any flap.

The other constructions are similar to those in the above-explained first embodiment.

The third embodiment of the present invention will now be explained referring to Figs. 6 and 7. Fig. 6 is a perspective view of the third embodiment, and in Fig. 6, containers 1 and 1' are illu-

strated by a broken line and weakened line 21 for forming opening are illustrated by a two dot and a dash line. Fig. 7 is a cross-sectional view taken along the line VII - VII in Fig. 6.

In this embodiment, the two containers 1, made of flexible and liquid impervious sheet, are parallelly disposed side by side in a box type shape maintaining member 2 made of a material harder than that of the containers 1.

In this embodiment, differing from the embodiment illustrated in Fig. 5, the flaps 14 and 14' of the containers 1 and 1', and accordingly, the openings 12 and 12', are located at the same side of the box 2. Therefore, the contents contained in the two containers 1 and 1' can be simultaneously dispensed while the box 2 is kept as it is without turning the box 2.

For example, the containers contain wet tissues 3 contained in both the containers have liquid cosmetic and milky lotion impregnated therein, respectively. The wet tissues impregnated with liquid cosmetic are taken up first from one container 1 and used. Then, the wet tissues impregnated with milky lotion are taken up from the other container 1 and used.

The remaining construction of the containers may be similar to that in the above-explained second embodiment.

Although the flaps 14 are opened and sealed in a direction transverse to the containers 1 in the embodiment illustrated in Fig. 6, the flaps may be opened and sealed in a longitudinal direction of the containers 1. Further, the longitudinal ends of the two containers 1 are located adjacently, however, the transverse ends of the containers 1 may be located adjacently. In addition, the weakened lines 21 of the box 2 may be opened in a longitudinal direction of the box 2.

Fig. 8 is a perspective view of the fourth embodiment of the dispenser-container according to the present invention.

In the fourth embodiment, a container 1 containing wet tissues and a container 1' containing dry tissue are disposed parallelly in a box 2. The box 2 has weakened lines for forming openings 22 and 22' parallelly formed at the upper surface thereof. The containers 1 and 1' are fixed to the box 2 by adhesive 4 and 4'. The second container contains dry tissues and is not provided with any flaps. An opening 12' is formed by a straight perforated line.

When the weakened line 21 is formed in an open loop, the portion surrounded by the line 21 is kept to be connected to the box 2 even after the weakened line 21 is cut. As a result, the portion surrounded by the line 21 can be used as a flap to cover the opening 12'. The remaining constructions are almost the same as those in the third embodiment.

According to the dispenser-container of this embodiment, the wet tissues may be taken out from the container 1 and used to remove dirt. Then, the dry tissues may be taken out from the container 1' and used to dry the portion which has been wetted by the wet tissues.

Fig. 9 is an exploded perspective view of the fifth embodiment of the dispenser-container of the present invention, and Fig. 10 is a perspective view wherein the parts illustrated in Fig. 9 are assembled.

In the fifth embodiment, the container 1 is the same as that in the first embodiment, however, the shape maintaining member 2 is formed as a frame 2. It is preferred that the frame 2 is harder and more resistant to deformation than the shape maintaining member explained in conjunction with the first embodiment. When a material similar to that used for the shape maintaining member in the first embodiment is used, it is preferred that the thickness is enhanced.

The portion between beam members 23 and 24 of the frame 2 forms the opening portion 22. As illustrated in Fig. 10, the flap 14 of the container 1 is located within the opening portion 22, and the outer surface of the container body 11 is fixed to the beam members 23 and 24 of the frame 2 by adhesive.

Since the sheet surface of the container body 11 near the flap 14 is fixed to the beam members 23 and 24 of the frame 2, the surface of the container body 11 near the flap 14 is kept in a tight condition even when the amount of the wet tissues 3 remaining in the container body 11 becomes small as the wet tissues are dispensed. Accordingly, the removal and attachment of the flap 14 can be surely performed.

Further, since the container 1 is contained in the frame 2 and the upper surface having the flap 14 is fixed to the beam members 23 and 24 of the frame 2, the shape of the container 1 is not deformed nor distorted even when the wet tissues 3 remaining in the container 1 becomes small. Accordingly, the wet tissues 3 contained in the container 1 remain flat as they were flat upon beginning of use, and they can be smoothly dispensed.

The beam members 23 and 24 of the frame 2 where the container body 11 is fixed may be curved or bent vertically or horizontally.

Fig. 11 is a perspective view showing the sixth embodiment of the dispenser-container of the present invention, and Fig. 12 is a cross-sectional view taken along the line XII - XII in Fig. 11.

In this embodiment, a weakened line 19 is formed in a U-shape on a part of the container body 11 of the container 1, and the portion surrounded by the weakened line is used as a flap 14.

As illustrated in Fig. 12, a piece of sheet 10, which is larger than the flap 14, has an opening 12, which will be used as a dispensing opening, and the piece of sheet 10 is attached to a portion corresponding to the weakened line 19 from the inside of the container body 11 after pressure sensitive adhesive 15 is applied to the piece of sheet 10.

In the meantime, a shape maintaining member 2 is a flat plate 2. It is preferred that the plate 2 is relatively hard, even if it is flexible, and, for example, it may be a pasteboard, a thin plastic plate or a metal plate, such as aluminum.

The illustrated plate 2 is formed in a picture frame shape and has an opening 22 at the center thereof. The plate 2 and the container 1 are fixed to each other by adhesive in such a manner that the weakened line 19 of the container 1, i.e., the flap 14, is located within the opening 22. In this case, it is preferred that all the sides of the plate 2 are fixed to the container body 11. However, in some cases, it is possible that a part of the plate 2, for example, two parallel sides, i.e., two sides parallel to the direction in which the flap 14 is opened, or two sides perpendicular to the above-mentioned direction, are fixed to the surface of the container body 11.

The plate 2 may be curved or bent vertically in place of a flat one. Further, the shape of the illustrated plate 2 is formed in a rectangle, however, it may be formed in any suitable shape, for example, an ellipse, a rhombus, or a U-shape.

Fig. 13 is a cross-sectional view showing the seventh embodiment of the dispenser-container of the present invention. In this embodiment, the construction of the container 1 per se is similar to that explained with reference to the first embodiment, however, it is different from the first embodiment in that a shape maintaining member 2 formed in a plate is inserted into the container body 11.

It is preferred that the shape maintaining member 2 of this embodiment is made of a relatively hard material like the sixth embodiment. Since the shape maintaining member 2 is contained within the container body 11, the size of the opening 22 of the shape maintaining member 2 may be smaller than the flap 14 as long as it is larger than the dispensing opening 12 or the region surrounded by the weakened line 13 for forming the opening. The shape of the shape maintaining member 2 may be altered as desired as explained in conjunction with Figs. 11 and 12.

The shape maintaining member 2 is fixed by adhesive from the inside of the container 1 to the sheet surface near the dispensing opening 12 of the container body 11.

The dispenser-container of this embodiment is manufactured as follows. A weakened line 13 for forming dispensing opening is formed in a sheet material which will be a container body 11 upon the manufacture of the container 1, a flap 14 is attached to the sheet material, and the shape maintaining member 2 is fixed to the surface opposite to the flap 14. Thereafter, the wet tissues 3 are wrapped by the sheet material.

#### Advantages of the Invention

According to the present invention, since the surface of the container having an opening formed therein is fixed to the shape maintaining member, the condition of the container is always kept at that of the beginning of its use wherein contents are filled therein regardless of the amount of the contents remaining in the container.

Accordingly, a flap can always be surely ope-

ned and attached to a container from the beginning of its use to the end of its use, even when the container contains a large amount of contents and has a large thickness.

As described above, according to the dispenser-container of the present invention, contents are contained in a containers having a resealable flap, and the flap can be surely removed and attached, the dispenser-container is not limited to use for wet tissues but also suitable for containing goods which will be consumed repeatedly several times, and the dispenser-container has a good shelf stability, good dust proof ability, good fungus proof ability, good gas tightness or good liquid tightness.

Further, the dispenser-container of the present invention can be manufactured by fixing the surface of the container having an opening to the shape maintaining member, and the dispenser-container can be readily and effectively manufactured in a conventional bag making process or a conventional carton forming process. In addition, the price of material of the dispenser-container of the present invention is low, and therefore, the dispenser-container can be economically manufactured.

In addition, when the shape maintaining member is of box shape, it is easy to stack the dispenser-containers. The contents contained in the dispenser-container is neither deformed nor crumpled. The stocking efficiency of the dispenser-container of the present invention is high. Accordingly, it is easy to handle, and its transportation, storage and display are readily performed.

When a consumer wants to use a part of contents and to store the remaining contents, it is easy for him to arrange the contents properly with the dispenser-container.

Besides, in this case, the shape of the container 1 is neither deformed nor distorted even when the wet tissues remaining in the container body becomes small as the wet tissues are dispensed. Accordingly, the wet tissues contained in the container 1 remain flat as they were flat upon beginning of use, and they can be smoothly dispensed.

Further, when cookies or biscuits are packaged in a dispenser-container of the present invention, the container can be sealed again once the container is unpacked. Accordingly, dry cookies or biscuits do not become damp, and wet cakes do not become dry. In addition, since dust does not enter into the container, the contents can be stored sanitarily.

#### Claims

1. A resealable dispenser-container comprising a container (1),  
said container (1) containing contents (3);  
said container (1) having an opening (12) for dispensing said contents (3) therethrough or a weakened line (13) for forming said opening (12)

and a flap (14) made of a flexible sheet material which covers said opening (12) or weakened line (13) and which is repeatedly opened and closed, wherein said container (1) is made of a flexible sheet; characterized in that

said dispenser-container further comprises:

a shape maintaining member (2), which is made of a material harder than said container (1);

said shape maintaining member (2) having an opening (22) or a weakened line (21) for forming said opening (22) which opening (22) or weakened line (21) is larger than said opening (12) or weakened line (13) formed in said container (1);

said opening (12) or weakened line (13) formed on said container (1) being located within said opening (22) or within the region surrounded by said weakened line (21) formed in said shape maintaining member (2); and

said flexible sheet of said container (1) being fixed (4) to said shape maintaining member (2) at a position near said opening (12) or weakened line (13) formed in said container (1).

2. A resealable dispenser-container according to claim 1, wherein said container (1) is made of gas impervious sheet and said flap (14) is also made of gas impervious sheet.

3. A resealable dispenser-container according to claim 1, wherein said shape maintaining member (2) is formed in a box structure.

4. A resealable dispenser-container according to claim 1, wherein said shape maintaining member (2) formed in a box structure has a plurality of containers contained therein.

5. A resealable dispenser-container according to claim 1, wherein said shape maintaining member (2) is formed in a frame structure.

6. A resealable dispenser-container according to claim 1, wherein said shape maintaining member (2) is formed in a plate.

7. A resealable dispenser-container according to claim 6, wherein said shape maintaining member (2) formed in a plate is fixed to an outer surface of said container (1).

8. A resealable dispenser-container according to claim 6, wherein said shape maintaining member (2) formed in a plate is fixed to an inner surface of said container (1).

#### Patentansprüche

1. Wiederverschließbarer Ausgabebehälter mit

einem Behälter (1), wobei der Behälter (1) Inhalte (3) enthält;

5 der Behälter (1) eine Öffnung (12) für die Entnahme der Inhalte (3) durch die Öffnung oder eine geschwächte Kontur (13) für die Bildung der Öffnung (12) und eine Lasche (14) aus einem flexiblen blattförmigen Material, das die Öffnung (12) oder die geschwächte Kontur (13) bedeckt und die wiederholt geöffnet und geschlossen wird, aufweist, und der Behälter (1) aus einem flexiblen blattförmigen Material hergestellt ist; dadurch gekennzeichnet, daß der Ausgabebehälter weiterhin aufweist:

10 ein die Form aufrechterhaltendes Glied (2), das aus einem Material hergestellt ist, das härter ist als das Material des Behälters (1); daß das die Form aufrechterhaltende Glied (2) eine Öffnung (22) oder eine geschwächte Kontur (21) zur Bildung der Öffnung (22) aufweist, wobei die Öffnung (22) oder die geschwächte Kontur (21) größer ist als die Öffnung (12) oder die geschwächte Kontur (13), die in dem Behälter (1) erzeugt worden ist;

15 20 25 ein die Form aufrechterhaltendes Glied (2), das aus einem Material hergestellt ist, das härter ist als das Material des Behälters (1); daß das die Form aufrechterhaltende Glied (2) eine Öffnung (22) oder eine geschwächte Kontur (21) zur Bildung der Öffnung (22) aufweist, wobei die Öffnung (22) oder die geschwächte Kontur (21) größer ist als die Öffnung (12) oder die geschwächte Kontur (13), die in dem Behälter (1) erzeugt worden ist;

30 35 40 daß die Öffnung (12) oder geschwächte Kontur (13), die auf dem Behälter (1) erzeugt worden ist, innerhalb der Öffnung (22) angeordnet ist oder innerhalb des Bereiches, der von der geschwächten Kontur (21) umgrenzt wird, die in dem die Form aufrechterhaltenden Glied (2) gebildet worden ist, und daß das flexible blattförmige Material des Behälters (1) an dem die Form aufrechterhaltenden Glied (2) in einer Position befestigt (4) ist, die sich nahe der Öffnung (12) oder der geschwächten Kontur (13), die in dem Behälter (1) gebildet worden ist, befindet.

45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000 1005 1010 1015 1020 1025 1030 1035 1040 1045 1050 1055 1060 1065 1070 1075 1080 1085 1090 1095 1100 1105 1110 1115 1120 1125 1130 1135 1140 1145 1150 1155 1160 1165 1170 1175 1180 1185 1190 1195 1200 1205 1210 1215 1220 1225 1230 1235 1240 1245 1250 1255 1260 1265 1270 1275 1280 1285 1290 1295 1300 1305 1310 1315 1320 1325 1330 1335 1340 1345 1350 1355 1360 1365 1370 1375 1380 1385 1390 1395 1400 1405 1410 1415 1420 1425 1430 1435 1440 1445 1450 1455 1460 1465 1470 1475 1480 1485 1490 1495 1500 1505 1510 1515 1520 1525 1530 1535 1540 1545 1550 1555 1560 1565 1570 1575 1580 1585 1590 1595 1600 1605 1610 1615 1620 1625 1630 1635 1640 1645 1650 1655 1660 1665 1670 1675 1680 1685 1690 1695 1700 1705 1710 1715 1720 1725 1730 1735 1740 1745 1750 1755 1760 1765 1770 1775 1780 1785 1790 1795 1800 1805 1810 1815 1820 1825 1830 1835 1840 1845 1850 1855 1860 1865 1870 1875 1880 1885 1890 1895 1900 1905 1910 1915 1920 1925 1930 1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020 2025 2030 2035 2040 2045 2050 2055 2060 2065 2070 2075 2080 2085 2090 2095 2100 2105 2110 2115 2120 2125 2130 2135 2140 2145 2150 2155 2160 2165 2170 2175 2180 2185 2190 2195 2200 2205 2210 2215 2220 2225 2230 2235 2240 2245 2250 2255 2260 2265 2270 2275 2280 2285 2290 2295 2300 2305 2310 2315 2320 2325 2330 2335 2340 2345 2350 2355 2360 2365 2370 2375 2380 2385 2390 2395 2400 2405 2410 2415 2420 2425 2430 2435 2440 2445 2450 2455 2460 2465 2470 2475 2480 2485 2490 2495 2500 2505 2510 2515 2520 2525 2530 2535 2540 2545 2550 2555 2560 2565 2570 2575 2580 2585 2590 2595 2600 2605 2610 2615 2620 2625 2630 2635 2640 2645 2650 2655 2660 2665 2670 2675 2680 2685 2690 2695 2700 2705 2710 2715 2720 2725 2730 2735 2740 2745 2750 2755 2760 2765 2770 2775 2780 2785 2790 2795 2800 2805 2810 2815 2820 2825 2830 2835 2840 2845 2850 2855 2860 2865 2870 2875 2880 2885 2890 2895 2900 2905 2910 2915 2920 2925 2930 2935 2940 2945 2950 2955 2960 2965 2970 2975 2980 2985 2990 2995 3000 3005 3010 3015 3020 3025 3030 3035 3040 3045 3050 3055 3060 3065 3070 3075 3080 3085 3090 3095 3100 3105 3110 3115 3120 3125 3130 3135 3140 3145 3150 3155 3160 3165 3170 3175 3180 3185 3190 3195 3200 3205 3210 3215 3220 3225 3230 3235 3240 3245 3250 3255 3260 3265 3270 3275 3280 3285 3290 3295 3300 3305 3310 3315 3320 3325 3330 3335 3340 3345 3350 3355 3360 3365 3370 3375 3380 3385 3390 3395 3400 3405 3410 3415 3420 3425 3430 3435 3440 3445 3450 3455 3460 3465 3470 3475 3480 3485 3490 3495 3500 3505 3510 3515 3520 3525 3530 3535 3540 3545 3550 3555 3560 3565 3570 3575 3580 3585 3590 3595 3600 3605 3610 3615 3620 3625 3630 3635 3640 3645 3650 3655 3660 3665 3670 3675 3680 3685 3690 3695 3700 3705 3710 3715 3720 3725 3730 3735 3740 3745 3750 3755 3760 3765 3770 3775 3780 3785 3790 3795 3800 3805 3810 3815 3820 3825 3830 3835 3840 3845 3850 3855 3860 3865 3870 3875 3880 3885 3890 3895 3900 3905 3910 3915 3920 3925 3930 3935 3940 3945 3950 3955 3960 3965 3970 3975 3980 3985 3990 3995 4000 4005 4010 4015 4020 4025 4030 4035 4040 4045 4050 4055 4060 4065 4070 4075 4080 4085 4090 4095 4100 4105 4110 4115 4120 4125 4130 4135 4140 4145 4150 4155 4160 4165 4170 4175 4180 4185 4190 4195 4200 4205 4210 4215 4220 4225 4230 4235 4240 4245 4250 4255 4260 4265 4270 4275 4280 4285 4290 4295 4300 4305 4310 4315 4320 4325 4330 4335 4340 4345 4350 4355 4360 4365 4370 4375 4380 4385 4390 4395 4400 4405 4410 4415 4420 4425 4430 4435 4440 4445 4450 4455 4460 4465 4470 4475 4480 4485 4490 4495 4500 4505 4510 4515 4520 4525 4530 4535 4540 4545 4550 4555 4560 4565 4570 4575 4580 4585 4590 4595 4600 4605 4610 4615 4620 4625 4630 4635 4640 4645 4650 4655 4660 4665 4670 4675 4680 4685 4690 4695 4700 4705 4710 4715 4720 4725 4730 4735 4740 4745 4750 4755 4760 4765 4770 4775 4780 4785 4790 4795 4800 4805 4810 4815 4820 4825 4830 4835 4840 4845 4850 4855 4860 4865 4870 4875 4880 4885 4890 4895 4900 4905 4910 4915 4920 4925 4930 4935 4940 4945 4950 4955 4960 4965 4970 4975 4980 4985 4990 4995 5000 5005 5010 5015 5020 5025 5030 5035 5040 5045 5050 5055 5060 5065 5070 5075 5080 5085 5090 5095 5100 5105 5110 5115 5120 5125 5130 5135 5140 5145 5150 5155 5160 5165 5170 5175 5180 5185 5190 5195 5200 5205 5210 5215 5220 5225 5230 5235 5240 5245 5250 5255 5260 5265 5270 5275 5280 5285 5290 5295 5300 5305 5310 5315 5320 5325 5330 5335 5340 5345 5350 5355 5360 5365 5370 5375 5380 5385 5390 5395 5400 5405 5410 5415 5420 5425 5430 5435 5440 5445 5450 5455 5460 5465 5470 5475 5480 5485 5490 5495 5500 5505 5510 5515 5520 5525 5530 5535 5540 5545 5550 5555 5560 5565 5570 5575 5580 5585 5590 5595 5600 5605 5610 5615 5620 5625 5630 5635 5640 5645 5650 5655 5660 5665 5670 5675 5680 5685 5690 5695 5700 5705 5710 5715 5720 5725 5730 5735 5740 5745 5750 5755 5760 5765 5770 5775 5780 5785 5790 5795 5800 5805 5810 5815 5820 5825 5830 5835 5840 5845 5850 5855 5860 5865 5870 5875 5880 5885 5890 5895 5900 5905 5910 5915 5920 5925 5930 5935 5940 5945 5950 5955 5960 5965 5970 5975 5980 5985 5990 5995 6000 6005 6010 6015 6020 6025 6030 6035 6040 6045 6050 6055 6060 6065 6070 6075 6080 6085 6090 6095 6100 6105 6110 6115 6120 6125 6130 6135 6140 6145 6150 6155 6160 6165 6170 6175 6180 6185 6190 6195 6200 6205 6210 6215 6220 6225 6230 6235 6240 6245 6250 6255 6260 6265 6270 6275 6280 6285 6290 6295 6300 6305 6310 6315 6320 6325 6330 6335 6340 6345 6350 6355 6360 6365 6370 6375 6380 6385 6390 6395 6400 6405 6410 6415 6420 6425 6430 6435 6440 6445 6450 6455 6460 6465 6470 6475 6480 6485 6490 6495 6500 6505 6510 6515 6520 6525 6530 6535 6540 6545 6550 6555 6560 6565 6570 6575 6580 6585 6590 6595 6600 6605 6610 6615 6620 6625 6630 6635 6640 6645 6650 6655 6660 6665 6670 6675 6680 6685 6690 6695 6700 6705 6710 6715 6720 6725 6730 6735 6740 6745 6750 6755 6760 6765 6770 6775 6780 6785 6790 6795 6800 6805 6810 6815 6820 6825 6830 6835 6840 6845 6850 6855 6860 6865 6870 6875 6880 6885 6890 6895 6900 6905 6910 6915 6920 6925 6930 6935 6940 6945 6950 6955 6960 6965 6970 6975 6980 6985 6990 6995 7000 7005 7010 7015 7020 7025 7030 7035 7040 7045 7050 7055 7060 7065 7070 7075 7080 7085 7090 7095 7100 7105 7110 7115 7120 7125 7130 7135 7140 7145 7150 7155 7160 7165 7170 7175 7180 7185 7190 7195 7200 7205 7210 7215 7220 7225 7230 7235 7240 7245 7250 7255 7260 7265 7270 7275 7280 7285 7290 7295 7300 7305 7310 7315 7320 7325 7330 7335 7340 7345 7350 7355 7360 7365 7370 7375 7380 7385 7390 7395 7400 7405 7410 7415 7420 7425 7430 7435 7440 7445 7450 7455 7460 7465 7470 7475 7480 7485 7490 7495 7500 7505 7510 7515 7520 7525 7530 7535 7540 7545 7550 7555 7560 7565 7570 7575 7580 7585 7590 7595 7600 7605 7610 7615 7620 7625 7630 7635 7640 7645 7650 7655 7660 7665 7670 7675 7680 7685 7690 7695 7700 7705 7710 7715 7720 7725 7730 7735 7740 7745 7750 7755 7760 7765 7770 7775 7780 7785 7790 7795 7800 7805 7810 7815 7820 7825 7830 7835 7840 7845 7850 7855 7860 7865 7870 7875 7880 7885 7890 7895 7900 7905 7910 7915 7920 7925 7930 7935 7940 7945 7950 7955 7960 7965 7970 7975 7980 7985 7990 7995 8000 8005 8010 8015 8020 8025 8030 8035 8040 8045 8050 8055 8060 8065 8070 8075 8080 8085 8090 8095 8100 8105 8110 8115 8120 8125 8130 8135 8140 8145 8150 8155 8160 8165 8170 8175 8180 8185 8190 8195 8200 8205 8210 8215 8220 8225 8230 8235 8240 8245 8250 8255 8260 8265 8270 8275 8280 8285 8290 8295 8300 8305 8310 8315 8320 8325 8330 8335 8340 8345 8350 8355 8360 8365 8370 8375 8380 8385 8390 8395 8400 8405 8410 8415 8420 8425 8430 8435 8440 8445 8450 8455 8460 8465 8470 8475 8480 8485 8490 8495 8500 8505 8510 8515 8520 8525 8530 8535 8540 8545 8550 8555 8560 8565 8570 8575 8580 8585 8590 8595 8600 8605 8610 8615 8620 8625 8630 8635 8640 8645 8650 8655 8660 8665 8670 8675 8680 8685 8690 8695 8700 8705 8710 8715 8720 8725 8730 8735 8740 8745 8750 8755 8760 8765 8770 8775 8780 8785 8790 8795 8800 8805 8810 8815 8820 8825 8830 8835 8840 8845 8850 8855 8860 8865 8870 8875 8880 8885 8890 8895 8900 8905 8910 8915 8920 8925 8930 8935 8940 8945 8950 8955 8960 8965 8970 8975 8980 8985 8990 8995 9000 9005 9010 9015 9020 9025 9030 9035 9040 9045 9050 9055 9060 9065 9070 9075 9080 9085 9090 9095 9100 9105 9110 9115 9120 9125 9130 9135 9140 9145 9150 9155 9160 9165 9170 9175 9180 9185 9190 9195 9200 9205 9210 9215 9220 9225 9230 9235 9240 9245 9250 9255 9260 9265 9270 9275 9280 9285 9290 9295 9300 9305 9310 9315 9320 9325 9330 9335 9340 9345 9350 9355 9360 9365 9370 9375 9380 9385 9390 9395 9400 9405 9410 9415 9420 9425 9430 9435 9440 9445 9450 9455 9460 9465 9470 9475 9480 9485 9490 9495 9500 9505 9510 9515 9520 9525 9530 9535 9540 9545 9550 9555 9560 9565 9570 9575 9580 9585 9590 9595 9600 9605 9610 9615 9620 9625 9630 9635 964

tende Glied (2) die Form einer Platte hat und an einer äußen Oberfläche des Behälters (1) befestigt ist.

8. Wiederverschließbarer Ausgabebehälter nach Anspruch 6, in dem das die Form aufrechterhaltende Glied (2) die Form einer Platte aufweist, und an einer inneren Oberfläche des Behälters (1) befestigt ist.

#### Revendications

1. Récipient distributeur rescellable comprenant un récipient (1), ledit récipient (1) ayant un contenu (3);

ledit récipient (1) ayant une ouverture (12) pour distribuer ledit contenu (3) ou une ligne affaiblie (13) pour former ladite ouverture (12) et un rabat (14) en une feuille flexible qui recouvre ladite ouverture (12) ou la ligne d'affaiblissement (13) et qu'on ouvre et referme de façon réitérée, ledit récipient (1) étant confectionné en une feuille flexible, caractérisé en ce que le distributeur comprend en outre un élément de maintien en forme (2) construit en un matériau plus dur que ledit récipient (1);

ledit élément (2) de maintien en forme présentant une ouverture (22) ou une ligne d'affaiblissement (21) pour former ladite ouverture (22), cette ouverture (22) ou ligne d'affaiblissement (21) est plus grande que ladite ouverture (12) ou la ligne d'affaiblissement (13) dans le récipient (1);

ladite ouverture (12) ou ligne d'affaiblissement (13) sur ledit récipient (1) étant disposée dans ladite ouverture (22) ou dans la zone entourée par ladite ligne d'affaiblissement (21) formée dans ledit élément (2) de maintien en forme;

et ladite feuille flexible dudit récipient (1) étant fixée (en 4) audit élément (2) de maintien en forme en une position proche de ladite ouverture (12) ou de la ligne d'affaiblissement (13) dans ledit récipient (1).

2. Récipient distributeur rescellable selon la revendication 1, dans lequel ledit récipient (1) est construit en une feuille imperméable aux gaz et ledit rabat (14) est également construit en une feuille imperméable aux gaz.

3. Récipient distributeur rescellable selon la revendication 1, dans lequel ledit élément (2) de maintien en forme est d'une structure en caisson.

4. Récipient distributeur rescellable selon la revendication 1, dans lequel ledit élément (2) de maintien en forme ayant une structure en caisson contient plusieurs récipients.

5. Récipient distributeur rescellable selon la revendication 1, dans lequel ledit élément (2) de maintien en forme a une structure en armature.

6. Récipient distributeur rescellable selon la revendication 1, dans lequel ledit élément (2) de maintien en forme est ménagé dans une plaque.

7. Récipient distributeur rescellable selon la revendication 6, dans lequel ledit élément (2) de maintien en forme ménagé dans une plaque est fixé à une surface extérieure dudit récipient (1).

8. Récipient distributeur rescellable selon la revendication 6, dans lequel ledit élément (2) de maintien en forme ménagé dans une plaque est fixé à une surface intérieure dudit récipient (1).

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FIG. 1

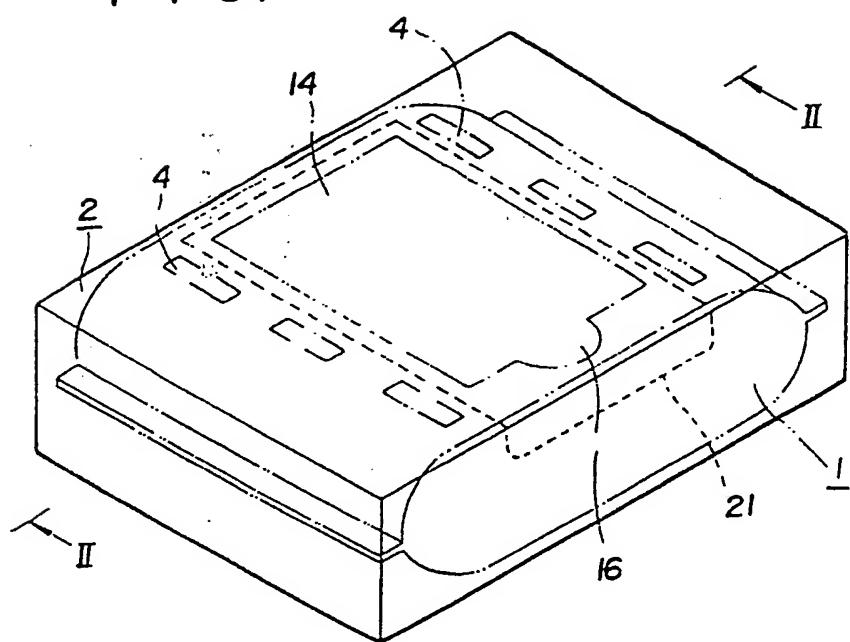


FIG. 3

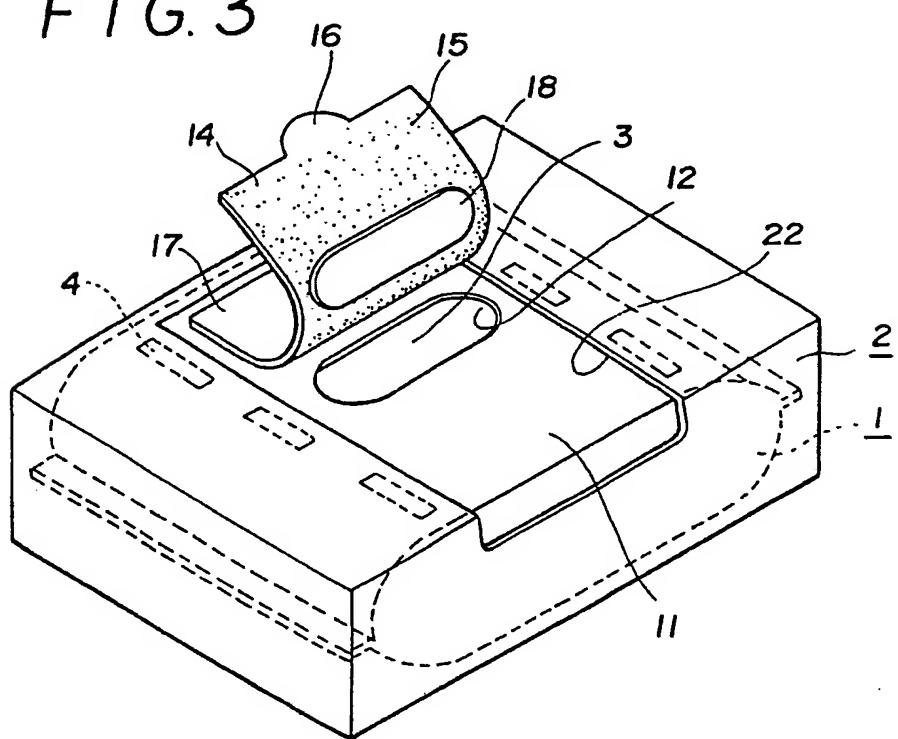


FIG. 2

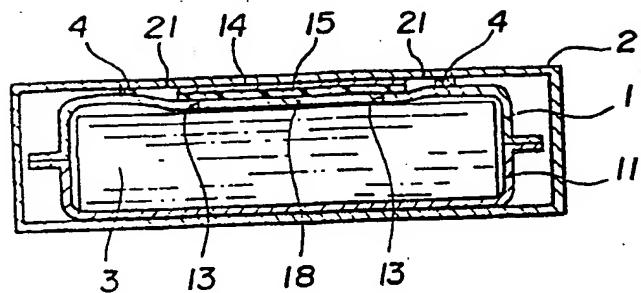


FIG. 4

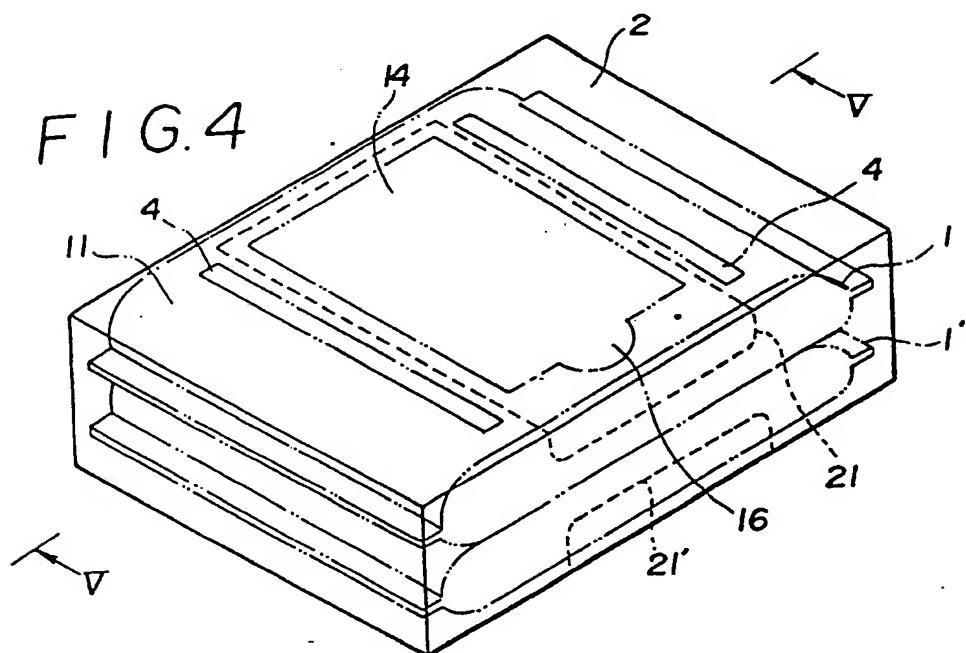


FIG. 5

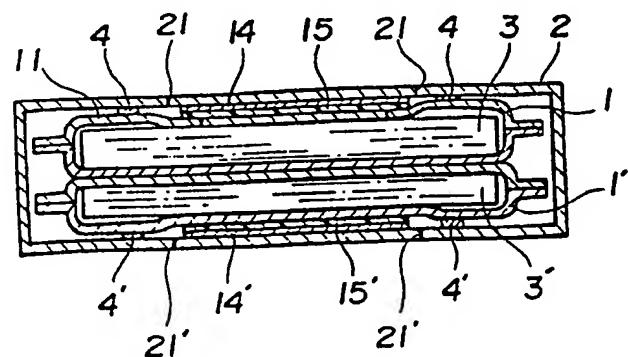


FIG. 6

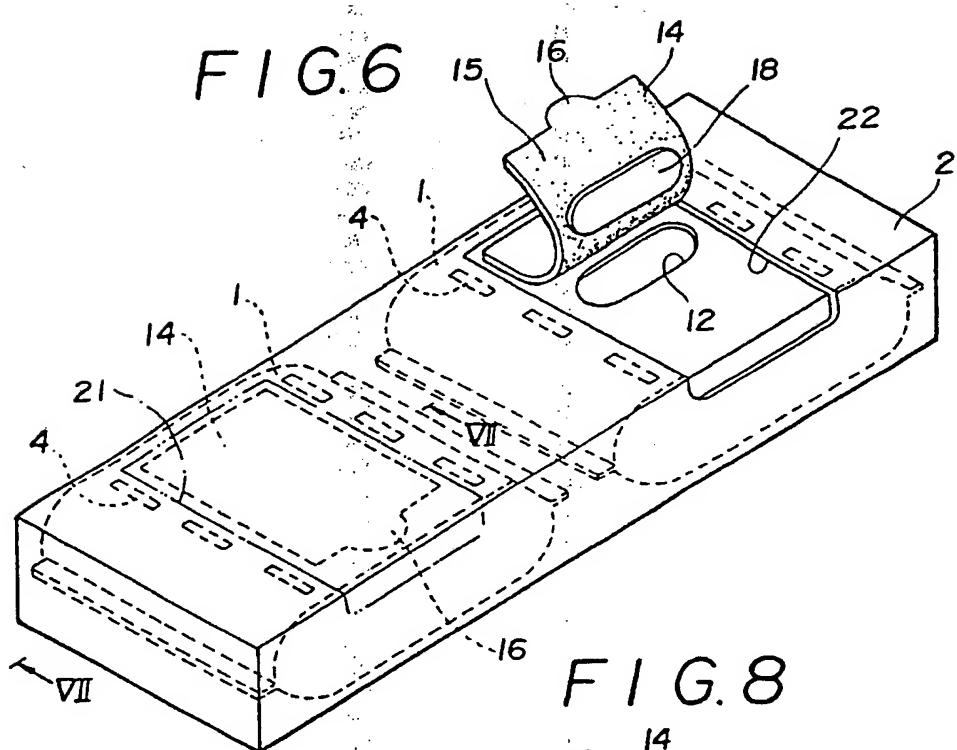


FIG. 8

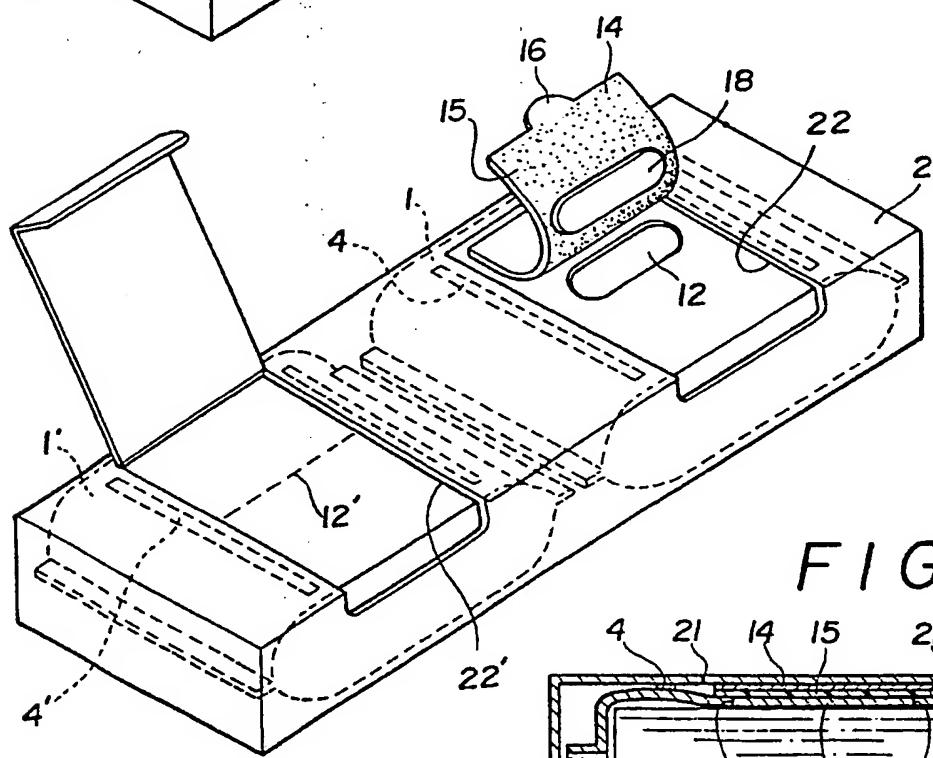


FIG. 7

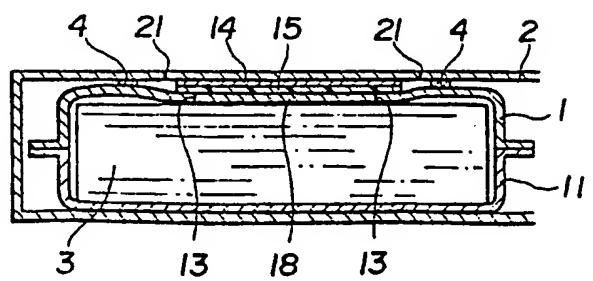


FIG. 9

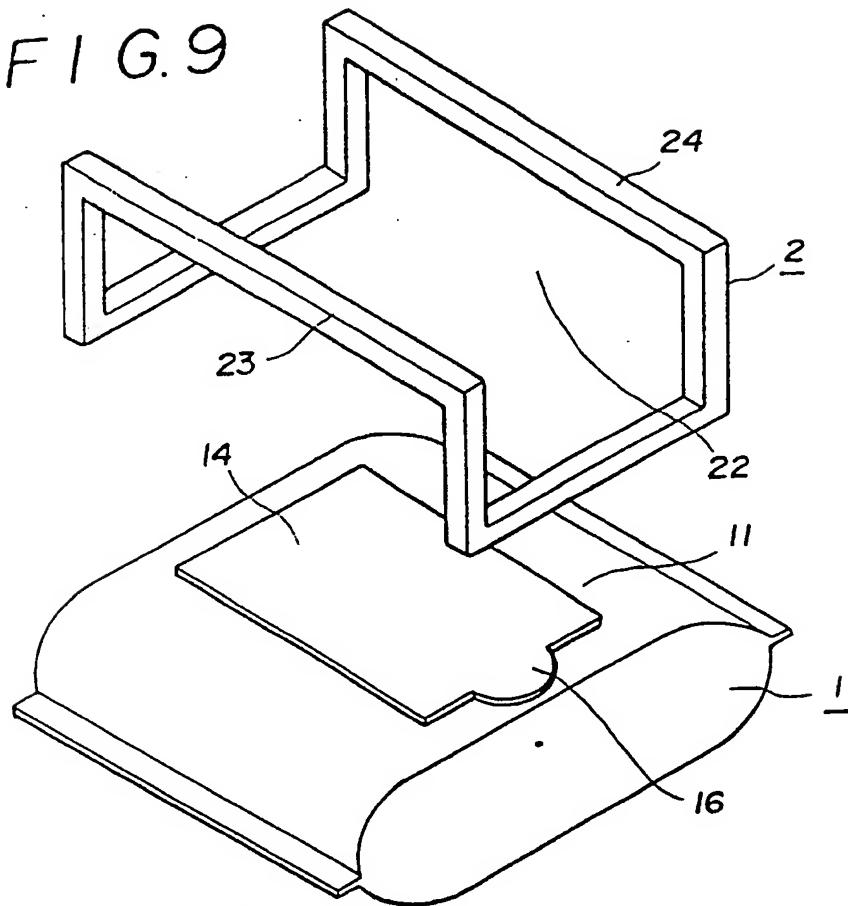


FIG. 10

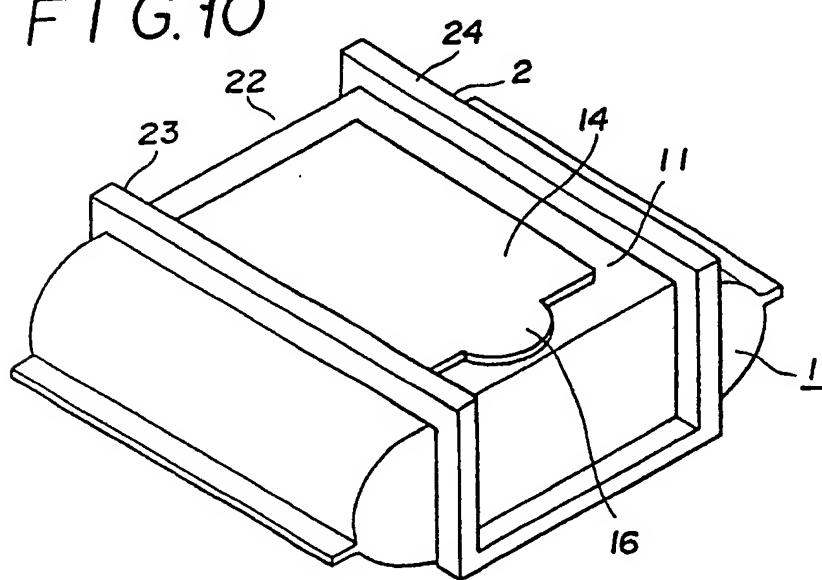


FIG.11

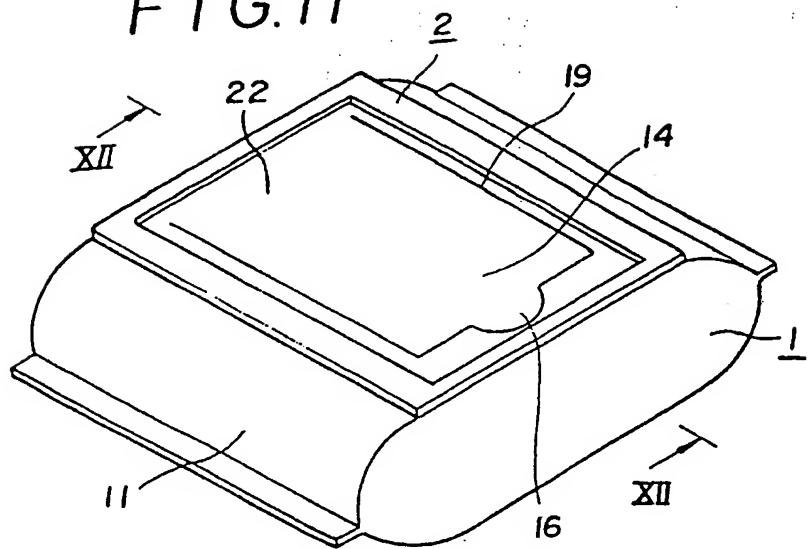


FIG.12

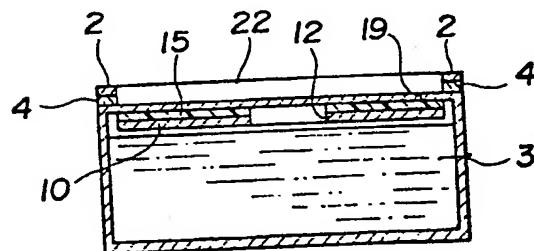


FIG.13

